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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of : SAMUELSSON et al.  
Group Art Unit: Unassigned  
Application No.: 10/578,501  
Examiner: Unassigned  
Filed: May 5, 2006  
Docket No.: 13743/46001  
For: EXPRESSION OF PLASTID-TARGETED POLYPEPTIDE IN PLANTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first Office Action after filing of a request for continued examination. No certification or fee is required.

Copies of U.S. applications are not required in applications filed after June 30, 2003.

The references were cited in a counterpart foreign application. A copy of the International Search Report (ISR) is attached for the Examiner's information.

Respectfully submitted,

KENYON & KENYON LLP

Date: May 31, 2006

  
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Approved for use through 07/31/2006. OMB 0651-0031

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**Complete if Known**

Application Number	10/578,501
Filing Date	May 5, 2006
First Named Inventor	SAMUELSSON et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	13743/46001

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/578,501
		Filing Date	May 5, 2006
		First Named Inventor	SAMUELSSON et al.
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet 2	of 2	Attorney Docket Number	13743/46001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Sulli, Chidananda et al., "Topology of Euglena Chloroplast . . . Golgi to Chloroplast Transport Vesicles," Journal Bio. Chem., Vol. 274, No.1, Jan 1., 1999, pp. 457-463	
	2	Database Embl. Online!, "Arabidopsis Thaliana Carbonic Anhydrase CAH1) mRNA, Partial cds", April 3, 1997, retrieved from EBI accession no. EM_PRO:ATU73462, Database accession	
	3	Database Gembank, "Arabidopsis thaliana GTP-binding. . . (At1g09180) mRNA, complete cds", Sept. 16, 2003, from Entrez Nucleotides . . . No. NM_100788 cited in app seq. data	
	4	Database Genbank, "Arabidopsis thalina..., putative (AT1g03860)... cds," Feb. 17, 2004, from Entrez Nucleotides. . .No. NM_202027 seq. data L:priority	
	5	Keegstra, Kenneth et al., "Protein import and routing systems of chloroplasts, Plant Cell, Vol. 11, April 1999, pp. 557-570	
	6	Samuelsson, Goran et al., "Chloroplastic Carbonic Anhydrases," Regulation of Photosynthesis, 2001, pp. 313-320	

Examiner Signature	Date Considered
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